

Abstract of the Disclosure

A method of welding age-hardenable aluminum alloys to improve strength properties in the heat affected zone and the weld zone, the method comprising the steps of providing precipitation hardenable aluminum alloy members to be welded and subjecting said members to a first aging step for times and temperatures to generate strengthening precipitates. Thereafter, the aged members are welded to provide a welded assembly having a weld zone. The welded members are subjected to a second aging step to reprecipitate strengthening precipitates dissolved in the weld zone.